



Shaw Air Force Base Fact Sheet / Statement of Basis

SHAW AIR FORCE BASE
428 CHAPIN STREET
SUMTER, SOUTH CAROLINA

Draft Hazardous Waste Permit
SC7 570 024 466

The South Carolina Department of Health and Environmental Control (DHEC) has written a Draft Hazardous Waste Permit to modify the selected remedies for Area of Concern (AOC) F and AOC H for Shaw Air Force Base (Shaw AFB) located in Sumter, South Carolina.

The draft permit has been written to comply with the South Carolina Hazardous Waste Management Regulations and the Federal Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments.

This fact sheet explains DHEC's hazardous waste permitting process and the conditions of the draft permit. DHEC welcomes any comments you may have concerning how this fact sheet can be improved.

I. Hazardous Waste Permitting Process

DHEC regulates hazardous waste activities at permitted facilities in South Carolina.

The permitting process enables DHEC and other government agencies to evaluate the ability of a facility to comply with state and federal regulations.

Interested citizens are given forty-five (45) days to review and comment on the facility's permit application and the draft permit before DHEC makes a final permit decision.

Citizens may request a public hearing to learn more about the facility during the public comment period. DHEC encourages all interested persons to participate in the permitting process.

II. Facility Description

The Base is located approximately seven miles west of the city of Sumter, South Carolina and covers 3,326 acres of land in a semi-rural area. During the normal activities at the Base, a variety of hazardous wastes are generated. Hazardous waste generated at the Shaw AFB includes wastes from the maintenance of aircrafts, support vehicles, buildings, and structures.

III. Facility's Hazardous Waste Permit History

A RCRA Hazardous Waste Permit was issued to Shaw AFB on July 29, 2009 and became effective on August 29, 2009.

RCRA hazardous waste permits issued by DHEC are effective for a ten-year period.

IV. Public Participation

The permit application and draft permit are available

for public review and comment from December 22, 2010 to February 9, 2011.

DHEC placed a public notice in The State and The Item newspapers on **December 22, 2010**, announcing the beginning of the public comment period.

Citizens may request a public hearing to learn more about the facility and the draft permit during the public comment period.

Written comments and/or requests for a formal public hearing must be submitted no later than February 9, 2011, and should be addressed to Mr. Richard Haynes at the following address:

SC DHEC
Bureau of Land and Waste Management
2600 Bull Street
Columbia, SC 29201
Phone: (803) 896-4070
E-Mail: haynesra@dhec.sc.gov

The draft permit modification and other related information are available for review through **February 9, 2011**, at the DHEC Columbia Office listed above and at the following location:

SC DHEC
Region 4 EQC Office
105 Magnolia Street
Sumter, SC 29151
Phone: 803-778-6548

This fact sheet and the public notice may be viewed on DHEC's Website at http://www.scdhec.gov/lwm/public_notice.asp.

Anyone who would like to be placed on DHEC's mailing list to receive future hazardous waste public notices concerning this facility should submit a written request to the attention of Ms. Norma West at the above DHEC address in Columbia or by e-mail at: westnj@dhec.sc.gov.

V. Procedure for Reaching a Final Permit Decision

All written comments received by **February 9, 2011** will be considered before a final permit decision is made.

Once DHEC makes a final permit decision, notification will be provided to:

- The facility;
- Each person who submitted written comments; and
- Anyone who has requested to receive notice of the final permit decision.

Any affected person who wishes to appeal a DHEC final permit decision may do so by filing a written request for final review with DHEC's Clerk of the Board within fifteen days after the notice of the decision has been mailed.

Additional information regarding appeal procedures is available from DHEC's Clerk of the Board at the above DHEC address in Columbia or by calling (803) 898-3309.

VI. Summary of Units for Which a Preliminary Decision Has Been Reached

The units described in this section are being included in this fact sheet and placed under a public comment period because the Department has made the preliminary determination that a modification to the remedy is needed and has been selected. A list of units and preliminary decisions are listed below.

AOC F and AOC H are located from the flight line to the western property line of Shaw AFB and the contamination extends off-site across HWY 441. AOC F and AOC H currently have an extraction system operating in the Upper Black Creek Aquifer. The system was implemented as an Interim Measure in November 1997 to address contaminants tetrachloroethylene (PCE), trichloroethylene (TCE), and their breakdown products. This draft permit modification, prepared in accordance with the South Carolina Hazardous Waste Management Regulations recommends the following:

A revision to the groundwater remedial alternative for AOC F and AOC H to include

- additional extraction wells as part of the groundwater treatment system
- hot spot treatment for AOC H
- the requirement for five year reviews to determine the effectiveness of the selected remedy

VII. Summary of Draft Permit Conditions

The draft permit is one Appendix. A brief description of the appendix is listed in the table below. The regulation that the condition(s) must comply with is also noted.

Appendix A	Solid Waste Management Units (SWMUs) Summary	<p>This section summarizes all SWMUs and Areas of Concern (AOCs) currently identified at Shaw Air Force Base and their current phase in the Corrective Action Process.</p> <p><i>Corrective Action requirements are in regulations R.61-79.264</i></p>
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Additional information concerning all hazardous and solid waste units and activities at the site is included in the facility's permit application.

VIII. Location of AOC F and AOC H at Shaw AFB



